

S/N 09/575,348

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

ANDO ET AL.

Examiner:

S. IP

10/0

Serial No.:

09/575,348

Group Art Unit:

1742

Filed:

05/19/2000

Docket No.:

12052.33US01

Title:

BILLET FOR COLD FORGING, METHOD OF MANUFACTURING

BILLET FOR COLD FORGING, METHOD OF CONTINUOULSY COLD FORGING BILLET, METHOD OF COLD FORGING CRANKSHAFT,

METHOD OF COLD FORGING DISK SHAPED PART WITH SHAFT,

AND COLD FORGING DIE APPARATUS

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 143554716 US

Date of Deposit: September 30, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Washington, D.C. 20231.

Bv:

Name: John Junks

PRELIMINARY AMENDMENT

TC 1700

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

In connection with the above-identified application filed herewith, please enter the following preliminary amendment:

IN THE CLAIMS

Please amend claims 1 and 2 as follows.

1. (THRICE AMENDED) A billet of steel for continuous cold forging, comprising 0.46 - 0.48 wt % of C (carbon), 0.14 wt % or less of Si (silicon), 0.55 - 0.65 wt % of Mn (manganese), 0.015 wt % or less of P (phosphorus), 0.015 wt % or less of S (sulfur), 0.15 wt % or less of Cu (copper), 0.20 wt % or less of Ni (nickel), and 0.35 wt % or less of Cr (chromium), wherein a carbide of the billet is spherodized and the billet has a limiting upsetting ratio of 90 % or more without the occurrence of cracks.

